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INFORMATION ON REPAIRS AND SURVEYS  
OF HYDROELECTRIC POWER PROJECTS IN CHINA

REPAIR OF SHAN-CH'ING YUAN-TUNG DAM -- Shanghai, Kung-ch'eng Chien-she, 10 Jan 52

The Shan-ch'ing Yuan-tung hyroelectric power plant dam in Ch'ang-shou Hsien, Szechwan Province, has recently been repaired. The engineers who inspected this dam found that when it was constructed in 1946-47, the cement-rock ratio of one to three was used. Cracks that developed in the core permitted water leaks and the left side had begun to settle.

To remedy this condition, 1,100 barrels of cement were used to fill the seams along the 110-meter spillway and to seal the joint between the curtain and the embankment. This increased the dam's water pressure capacity and made the core a monolithic unit.

SURVEY OF YELLOW RIVER -- Shanghai, Ching-chi Chou-pao, 12 Mar 53

From May to December 1952, engineers from the Hydroelectric Construction Bureau of the Ministry of Fuel Industry made and completed a basic survey of the middle and upper reaches of the Yellow River.

An inspection team examined 3,000 kilometers for hydroelectric resources. A survey team examined 5,500 square kilometers for reservoir dams. A drill team drilled a total of 3,500 meters for dam foundations. An economic geography group inspected a total of 7,600 square kilometers. An extensive survey and drilling was made at the three gorges of Ch'ing-shui-ho, Lung-k'ou, and Liu-chia-hsia. The results of this extensive survey indicate that the Yellow River has a great hydroelectric potential.

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